

Document Log Item			Release
<b>Addressing</b>			
<b>From</b>		<b>To</b>	
Andrea Zimmer/R4/USEPA/US		Stephanie Fulton/R4/USEPA/US@EPA	
<b>CC</b>		<b>BCC</b>	
<b>Description</b>			Form Used: Memo
<b>Subject</b>		<b>Date/Time</b>	
Lat/long for MIRA mines		08/12/2009 07:18 AM	
<b># of Attachments</b>	<b>Total Bytes</b>	<b>NPM</b>	<b>Contributor</b>
1	2,826,983		Andrea Zimmer
<b>Processing</b>			
<b>Comments</b>			
<input type="text"/> Clear Category		<input type="text"/> Non-responsive	
		<input type="text"/>	
<b>Release</b>			
			<input type="checkbox"/> Printed
<input type="text"/> Clear MARKER			
<input type="radio"/> Round01 <input type="radio"/> NA <input checked="" type="radio"/> Round02			

Body

### Document Body

I looked at the lat/longs in MIRA and compared that to the original info from the Corps as well as the the 7/20 update and made note of discrepancies. I don't know if this is even relevant if we now have digital footprints.



changes to lat\_long.xls

## LOCATION

Corps #	Mining Company Name	SMCRA Number	Lat
200800781	Wolverine Resources - Wolverine Resources	836-0348	37.6272
200701397	FCDC - FCDC	836-0350	37.5161
200701301	CAM Mining - Tom's Branch Surface Mine	836-0355	37.4691
200800115	Resources - Jake Fork and Stoney Branch Surface Mine	836-0356	37.6633
200701660	Martin County Coal - Findlay Branch Mine	880-0066	37.7005
200800408	Czar Coal - Czar Coal	880-0156	37.7202
200800777	ICG Hazard - ICG Hazard	897-0455 A3	37.1633
200700193	Premier Elkhorn Coal - Premier Elkhorn Coal	898-0400	37.2519
200500851	Cheyenne Resources - Cheyenne Resources	867-0440, 867-0486	37.1800
200701206	Frasure Creek Mining - Frasure Creek Mining	877-0182	37.5567
200800525	Middle Fork Dev. - Middle Fork Dev.	877-0191	37.7347
200700335	Apex Energy - Apex Energy	898-0607	37.4519
200701504	CAM Mining - CAM Mining	898-0783 A3	37.4278
200700594	Premier Elkhorn Coal - Premier Elkhorn Coal	898-0800	37.3614
200601296	Clintwood Elkhorn - Clintwood Elkhorn	898-4150 A1	37.4377

I IN MIRA 7/20 COE LOCATION USED FOR  
HUC12 BY JON

Long				
-82.9025	same	same		
-82.7122	same	37.444722	82.557222	need to change HUC12
-82.3960	N	same	same	need to change lat/long to match COE, then c
-82.9302	same	37.66333	82.430278	need to change HUC12
-82.5200	same	37.469066	82.395955	need to change HUC12
-82.5661	same	37.701667	82.601389	need to change HUC12
-83.0358	N			need to change lat/long to match COE, then c
-82.6138	same	37.613889	82.613889	need to change HUC12
-83.0000		37.121197	82.855517	changed based on data sheet
-82.9078		37.706646	83.064851	check data sheet
-83.1628		37.706646	83.064851	changed based on data sheet
-82.2408		37.449904	82.244714	check data sheet
-82.5417		37.469066	82.395955	check data sheet
-82.6070		37.363889	82.594167	check data sheet
-82.3106		37.44191	82.31253	check data sheet

Did Jon  
original CO

:hange HUC12

:hange HUC12

use the  
E lat/long?